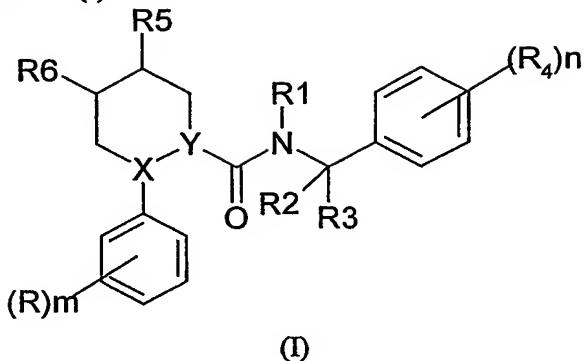


Claims1. A compound of formula (I)

5

wherein:

R represents halogen or C₁₋₄ alkyl;R₁ represents hydrogen or C₁₋₄ alkyl;10 R₂ represents hydrogen, C₁₋₄ alkyl or R₂ together with R₃ represents C₃₋₇ cycloalkyl; R₃ represents hydrogen, C₁₋₄ alkyl, C₃₋₇ cycloalkyl or C₃₋₆ alkenyl; or R₁ and R₃ together with nitrogen and carbon atom to which they are attached respectively represent a 5 to 6 membered heterocyclic group;R₄ represents trifluoromethyl, C₁₋₄ alkyl, C₁₋₄ alkoxy, trifluoromethoxy or halogen;15 R₅ is hydrogen and R₆ is NR₇R₈ or R₅ is NR₈R₉ and R₆ is hydrogen; R₇ represents hydrogen or C₁₋₄ alkyl or R₇ and R₈ together with nitrogen to which they are attached are a saturated 5 to 7 membered heterocyclic group containing oxygen;R₈ represents hydrogen, phenyl, C₃₋₇ cycloalkyl, (CH₂)_pC(O)NR₁₀R₁₁, a saturated 5 to 7 membered heterocyclic group containing 1 to 3 heteroatoms selected from oxygen, sulphur20 and nitrogen and optionally substituted by C₁₋₄ alkyl, S(O)₂C₁₋₄ alkyl or C(O) C₁₋₄ alkyl, a 5 membered heteroaryl group containing 1 to 3 heteroatoms selected from oxygen, sulphur and nitrogen and optionally substituted by C₁₋₄ alkyl S(O)₂C₁₋₄ alkyl or C(O) C₁₋₄ alkyl or R₈ represents a 6 membered heteroaryl group containing 1 to 3 nitrogen atoms and optionally substituted by C₁₋₄ alkyl, S(O)₂C₁₋₄ alkyl or C(O) C₁₋₄ alkyl; or R₈ is a C₁₋₆ alkyl group25 optionally substituted by one or two groups selected from fluorine, phenyl (optionally substituted by C₁₋₄ alkyl, C(O) C₁₋₄ alkyl or halogen), =O, C₃₋₇ cycloalkyl, hydroxy, amino, dimethylamino, aminocarbonyl, C₁₋₄ alkoxy or trifluoromethyl;R₉ is hydrogen, C₁₋₄ alkyl or R₉ and R₈ together with nitrogen to which they are attached are a 5 to 7 membered heterocyclic group optionally containing another heteroatom selected30 from oxygen, sulphur and nitrogen and optionally substituted by one or two groups selected from C₁₋₄ alkyl, =O, S(O)₂C₁₋₄ alkyl, C(O) C₃₋₇ cycloalkyl or C(O) C₁₋₄ alkyl;R₁₀ and R₁₁ are independently hydrogen or C₁₋₄ alkyl group;

X represents a nitrogen atom and Y is CH or X represents CH and Y is nitrogen;

m is zero or an integer from 1 to 3;

35 n is an integer from 1 to 3;

p is zero, 1 or 2;

and pharmaceutically acceptable salts and solvates thereof.

2. A compound as claimed in claim 1 wherein R_6 is NR_7R_8 and R_5 is hydrogen, Y is nitrogen and X is CH or wherein R_6 is hydrogen and R_5 is NR_8R_9 , Y is CH and X is nitrogen.

5 3. A compound as claimed in claim 1 or claim 2 wherein R is a halogen (e.g. fluorine) and/or a C_{1-4} alkyl (e.g. methyl) group and m is zero or an integer from 1 to 2.

10 4. A compound as claimed in any claims from 1 to 3 wherein R_1 is a methyl group.

5 5. A compound as claimed in any claims from 1 to 4 wherein R_2 is a hydrogen atom or a methyl group.

15 6. A compound as claimed in any claims from 1 to 5 wherein R_3 is a hydrogen atom or a methyl group.

7. A compound as claimed in any claims from 1 to 6 wherein R_4 is a trifluoromethyl group and/or halogen (i.e chlorine) and n is 2.

20 8. A compound as claimed in any claims from 1 to 7 wherein R_5 is hydrogen, $NH(C_{3-7}$ cycloalkyl), $NH(C_{1-4}alkylC_{3-7}$ cycloalkyl), 1-piperazinyl(optionally substituted by one or two groups selected from C_{1-4} alkyl, =O, $S(O)_2C_{1-4}$ alkyl, $C(O)C_{3-7}$ cycloalkyl or $C(O)C_{1-4}$ alkyl); piperidyl (optionally substituted by one or two groups selected from C_{1-4} alkyl, =O,) or morpholino.

25 9. A compound as claimed in any claims from 1 to 8 wherein R_6 is hydrogen, $N(C_{1-6}alkyl)_2$, $NH(C_{1-6}alkyl)$, $NH(CH_2)pC(O)NR_{10}R_{11}$ wherein p is 1 or 2 and R_9 and R_{10} are independently hydrogen or methyl, $NH(C_{1-6}$ alkyltrifluoromethyl), $NH(C_{1-6}alkylC_{1-4}alkoxy)$, $NH(C_{1-6}alkylfluorine)$, $N(C_{1-6}alkyl)(C_{1-6}alkylfluorine)$, $NH(C_{1-6}alkylphenyl)$, $NH(C_{3-7}cycloalkyl)$, $NH(piperidyl)$, $NH(C_{1-6}alkyl aminocarbonyl)$, $NH(C_{1-6}alkyl-1.3$ dioxolan-yl) or morpholino.

30 10. A compound as claimed in any claims from 1 to 9 wherein

35 R_6 is NR_7R_8 and R_5 is hydrogen, Y is nitrogen and X is CH or wherein R_6 is hydrogen and R_5 is NR_8R_9 , Y is CH and X is nitrogen;

R_7 is hydrogen or methyl;

R_8 is methyl, ethyl, dimethylpropyl, cyclopropyl, cyclobutyl, $CH_2C(O)NH_2$, piperidinyl, 1-methyl-piperidinyl, methyl substituted by a group selected from phenyl, cyclopropyl, 4-acetyl-piperazino, fluorine, methoxy, trifluoromethyl and 1.3 dioxolan-yl;

R_9 is hydrogen or methyl;

R_9 and R_8 together with nitrogen to which they are attached is 1-piperazinyl, acetyl-1-piperazinyl, morpholino;

R_7 and R_8 together with nitrogen to which they are attached is morpholino;

40 45 R is independently fluorine or methyl;

R₄ is trifluoromethyl and/or chlorine;
m is 1 or 2;
n is 2.

5 11. A compound as claimed in any claims from 1 to 10 selected from :
4-(S)-Dimethylamino-2-(R)-(4-fluoro-2-methyl-phenyl)-piperidine-1-carboxylic acid [1-(R)-
(3,5-bis-trifluoromethyl-phenyl)-ethyl]-methylamide hydrochloride;
4-(S)-Dimethylamino-2-(R)-(4-fluoro-2-methyl-phenyl)-piperidine-1-carboxylic acid (3,5-
bis-trifluoromethyl-benzyl)-methylamide hydrochloride;

10 4-(S)-(2-Fluoroethyl)-amino-2-(R)-(4-fluoro-2-methyl-phenyl)-piperidine-1-carboxylic acid
[1-(R)-(3,5-bis-trifluoromethyl-phenyl)-ethyl]-methylamide hydrochloride;
4-(S)-(2-Fluoro-ethylamino)-2-(R)-(4-fluoro-2-methyl-phenyl)-piperidine-1-carboxylic acid
(3,5-bis-trifluoromethyl-benzyl)-methylamide hydrochloride.

15 12. A compound as claimed in any claims from 1 to 11 for use in therapy.

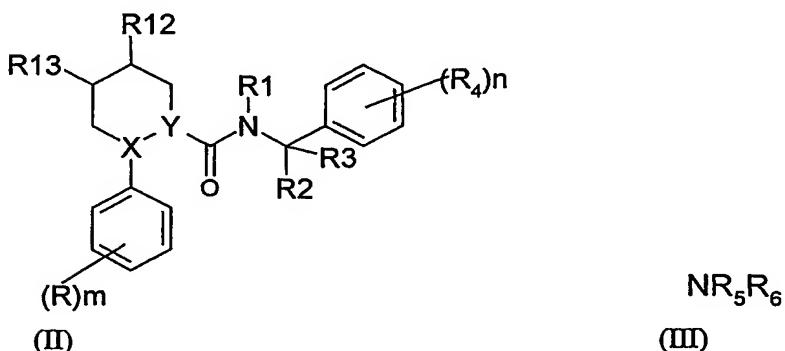
13. The use of a compound as claimed in any claims from 1 to 11 in the preparation of a
medicament for use in the treatment of conditions mediated by tachykinins, including
substance P and other neurokinins.

20 14. The use of a compound as claimed in any claims from 1 to 11 in the treatment of
conditions mediated by tachykinins, including substance P and other neurokinins.

25 15. A pharmaceutical composition comprising a compound as claimed in any claims from
1 to 11 in a mixture with one or more pharmaceutically acceptable carriers or excipients.

30 16. A method for the treatment of a mammal, including man, in particular in the treatment of
conditions mediated by tachykinins, including substance P and other neurokinins, comprising
administration of an effective amount of a compound as claimed in any claims from 1 to
11.

17. A process for the preparation of a compound as claimed in any claims from 1 to 11
by reductive N-alkylation of a compound of formula (II), wherein R₁₂ is =O and R₁₃ is
hydrogen or R₁₂ is hydrogen and R₁₃ is =O



with an amine derivative (III) or salts thereof in the presence of a suitable metal reducing agent, followed where necessary or desired by one or more of the following steps:

i) removal of any protecting group;

ii) isolation of the compound as a salt or a solvate thereof;

5 separation of a compound of formula (I) or derivative thereof into the enantiomers thereof.